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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
<i>(Use as many sheets as necessary)</i>			
Sheet		of	2
		Application Number	10/629,685
		Filing Date	July 30, 2003
		First Named Inventor	Andrew F. Knight
		Art Unit	9746
		Examiner Name	R. Drayton
		Attorney Docket Number	

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/629,685
				Filing Date	July 30, 2003
				First Named Inventor	Andrew F. Knight
				Art Unit	377
				Examiner Name	L. Driget
Sheet	2	of	2	Attorney Docket Number	

Examiner Signature		Date Considered	3/14/05
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/629,685
Filing Date	July 30, 2003
First Named Inventor	Andrew F. Knight
Art Unit	3746
Examiner Name	R. J. Ruppert

Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
W-N	B3	J.C. WHITEHEAD, "Mars Ascent Propulsion Options for Small Sample Return Vehicles", July 1997, AIAA 97-2950.		
W-N	B4	J.C. WHITEHEAD et al, "Pumped Hydrazine Miniaturized Propulsion System", July 1989, AIAA 89-2958		
W-N	B5	J.C. WHITEHEAD, "Free Piston Pumps for miniature Rocket Propulsion", June 1991, AIAA 91-1837		
W-N	B6	J.C. WHITEHEAD, "Demand thrust Pumped propulsion with Automatic Warm Gas Valving", July 1992, AIAA 92-3539		
W-N	B7	J.C. WHITEHEAD, "Test Results for a Reciprocating Pump Powered by Decomposed Hydrogen Peroxide", July 2001, AIAA 2001-3839		
W-N	B8	J.C. WHITEHEAD, "Hydrogen Peroxide Gas Generator cycle with a Reciprocating Pump", July 2002, AIAA 2002-3702		
W-N	B9	J.C. WHITEHEAD et al, "Design and Flight Testing of a Reciprocating Pump Fed Rocket", June 1994, AIAA 94-3031		
W-N	B10	D.E. EDDLEMAN et al, "Reciprocating Feed System for Advanced Space Propulsion Systems", April 2004, AIAA Student Conference		
W-N	B11	W. HAMMACK, "XCOR Aerospace Announces New Rocket Engine Pump Design", April 27, 2002, www.xcor.com		
W-N	B12	W. HAMMACK, "XCOR Passes Major Milestone on DARPA Piston Pump Contract", Sept. 26, 2003, www.xcor.com		

Examiner Signature	W-N	Date Considered	3/14/05
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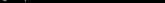
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				Filing Date	July 30, 2003
				First Named Inventor	Andrew F. Knight
				Art Unit	3746
				Examiner Name	Rodriguez
Sheet	2	of	2	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

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